

KLONDIKE FOOD-GRADE Hydraulic Oils



PRODUCT DESCRIPTION

KLONDIKE FOOD-GRADE Hydraulic Oils are NSF H1 registered products for incidental food contact. These advanced fluids are designed to give maximum protection and performance in hydraulic equipment used in food processing equipment and other potentially sensitive areas.

APPLICATIONS

KLONDIKE FOOD-GRADE Hydraulic Oils offer performance and protection in industrial and mobile hydraulic equipment. Typical industries where this advanced technology is ideal for use include marine, agriculture, food processing, breweries, canneries, bakeries, beverage packaging, meat packing plants and raw materials production operations.

KLONDIKE FOOD-GRADE Hydraulic Oils are designed for use in hydraulic systems but also have many other potential uses in food processing facilities. Such applications include plain antifriction bearings, air-line lubricators, reciprocating compressors, chain drives and other points when the appropriate viscosity grade is used.

KLONDIKE FOOD-GRADE Hydraulic Oils meet the performance requirements of all the major hydraulic pump manufacturers and are recommended for use in high pressure hydraulic pumps.

Do not mix with other fluids types.

KLONDIKE FOOD-GRADE Hydraulic Oils meet the following government and industry specifications;

- FDA 21 CFR 178.3570 for incidental food contact
- NSF International H1 guidelines for incidental food contact

FG32 – registration 163706

FG46 – registration 163707

For optimum performance, always follow the viscosity grade recommendation of the system manufacturer.

FEATURES AND BENEFITS

KLONDIKE FOOD-GRADE Hydraulic Oils are non-toxic, non-bio accumulative, and safe for incidental food contact as required by NSF H1 certification. Premium ultra-pure base stocks and ashless additive technology ensures excellent hydraulic performance and wear protection in hydraulic systems.

KLONDIKE FOOD-GRADE Hydraulic Oils are designed to offer outstanding anti-wear and extreme pressure protection in hydraulic pumps and systems. Technically advanced chemistry ensures oxidation stability, water separability, foam suppression, and protection against wear, rust, and corrosion. Suitable for operation over a wide ambient and operating temperature range with outstanding operating system efficiency.

KLONDIKE FOOD-GRADE Hydraulic Oils provides value through the following benefits:

- **Multi Use Formula** – one fluid suitable for many uses in food processing facilities.
- **Advanced performance** – Ashless formulation provides outstanding protection for hydraulic pumps and systems for high operating efficiency.
- **Long oil life** – highly resistant to oxidation at high temperatures for long service life.



KLONDIKE FOOD-GRADE Hydraulic Oils

TYPICAL TECHNICAL PROPERTIES

PROPERTY	TEST METHOD	FOOD-GRADE 32	FOOD-GRADE 46
ISO Grade		32	46
Viscosity cSt. @ 40°C	ASTM D445	32	46
Viscosity cSt. @ 100°C	ASTM D445	5.5	7.1
Viscosity Index	ASTM D2270	112	110
Pour Point, °C	ASTM D97	-25	-20
Flash Point, °C	ASTM D92	182	194
Fire Point, °C	ASTM D92	205	216

All stated physical properties are typical of standard production and may vary.

PRODUCT NUMBERS

FOOD-GRADE AW 32	Pail: 18.9 L / 5 GAL	KL-FG2280
	Drum: 208 L / 55 GAL	KL-FG2290
FOOD-GRADE AW 46	Pail: 18.9 L / 5 GAL	KL-FG2480
	Drum: 208 L / 55 GAL	KL-FG2490

HEALTH AND SAFETY

This product is not expected to have adverse health implications when used for its intended application. For detailed information on safe handling of this product, refer to its Material Safety Data Sheet (MSDS). To obtain an MSDS on this or any other KLONDIKE product, please visit www.klondikelubricants.com or call 1-877-293-4691. When disposing of used product, be responsible to the environment.

BRAVING THE FORCE OF MOVEMENT

KLONDIKE stands for robust, reliable, high quality products tailored to suit the requirements of the on- and off-road heavy duty, automotive and industrial markets. Our solutions span from trend-setting retail lubricants through small-batch custom formulations to large bulk orders ready for immediate delivery.

The extensive KLONDIKE product range includes premium oils, lubricants, greases, chemicals and specialty fluids formulated with virgin base oils and protective inhibitors. Designed to handle the most extreme climates and operating conditions, the KLONDIKE products protect and extend the life of your equipment, optimize performance and improve productivity while meeting and exceeding industry standards and specifications.

KLONDIKE Lubricants Corporation

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